## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11	(("2796178") or ("2905280") or ("3176854") or ("3396814") or ("3477522") or ("4392573") or ("4498263") or ("4523669") or ("4982853") or ("5799807") or ("6481587")).PN.	USPAT	OR	OFF	2006/05/29 11:19
L2	29	("1481351"   "1611326"   "2688411"   "2905280"   "3125227"   "3977530"   "4133411"   "4156331"   "4166542"   "4168008"   "4327533"   "4352434"   "4383616"   "4460098"   "4467928"   "4557391"   "5135118"   "5597078"   "5678708"   "5799807"   "5884791"   "6062405"   "6089388").PN. OR ("6481587"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 11:27
L3	3	("4394914").PN. OR ("5799807"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 11:27
L4	7	("3534867"   "3638806"   "4363413"   "4492312"   "4523669").PN. OR ("4982853"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 11:28
L5	21	("2267419"   "2815849"   "2999600"   "3844418"   "3945484"   "4190291"   "4392573").PN. OR ("4523669").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 11:28
L6	7	("2795303"   "3514918"   "3674157"   "3977139"   "4183440").PN. OR ("4498263"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 11:29
L7	20	("2819803"   "2999600"   "3194413"   "3371799"   "3534867"   "3856151").PN. OR ("4392573"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 11:29
L8	2	("3477522").URPN.	USPAT	OR	ON	2006/05/29 11:30
L9	162	("1481351"   "1611326"   "2688411"   "2905280"   "3125227"   "3977530"   "4133411"   "4156331"   "4166542"   "4168008"   "4327533"   "4352434"   "4383616"   "4460098"   "4467928"   "4557391"   "5135118"   "5597078"   "5678708"   "5799807"   "5884791"   "6062405"   "6089388" "6481587")	USPAT; USOCR	OR	ON	2006/05/29 11:27

## **EAST Search Hist ry**

L10	13	("4394914" "5799807")	USPAT; USOCR	OR	ON	2006/05/29 11:28
L11	49	("3534867"   "3638806"   "4363413"   "4492312"   "4523669" "4982853")	USPAT; USOCR	OR	ON	2006/05/29 11:28
L12	94	("2267419"   "2815849"   "2999600"   "3844418"   "3945484"   "4190291"   "4392573" "4523669")	USPAT; USOCR	OR	ON	2006/05/29 11:28
L13	38	("2795303"   "3514918"   "3674157"   "3977139"   "4183440" "4498263")	USPAT; USOCR	OR	ON	2006/05/29 11:29
L14	69	("2819803"   "2999600"   "3194413"   "3371799"   "3534867"   "3856151" "4392573")	USPAT; USOCR	OR	ON	2006/05/29 11:29
L15	298	"3396814" "2928493" "2936848" "2938594" "3078949" "3243123" "3301346" "1395895" "2459198" "2827772" "3477522" "3176854" "2609940" "2972199" "2905280" "1623047" "1980117" "2459198" "2541970" "2584713" "2634831" "2777112" "2796178" "2520238" "2535961" "2591974" "2624470" "2644593"	USPAT; USOCR	OR	ON	2006/05/29 11:34
L16	620	L9 L10 L11 L12 L13 L14 L15	USPAT; USOCR	OR	ON	2006/05/29 11:34
L17	17	("3842984"   "4166542"   "4258852"   "4492312"   "4540097"   "5005714"   "5035337"   "5222613").PN. OR ("5586667"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 12:27
L18	9	("3831771"   "3938670"   "4106631"   "4383616"   "4394914"   "4498596").PN. OR ("5597078"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 12:27
L19	10	("2382767"   "3426915"   "3804264"   "4109681"   "4394914"   "4412622").PN. OR ("5292016"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 12:27
L20	28	("2740535"   "2786580"   "2828064"   "2838182"   "2897979"   "3071255"   "3146893"   "3664516"   "3769375"   "3842983"   "4053058"   "4081081"   "4352434"   "4467928"   "4492312"   "4579234").PN. OR ("5240129"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 11:58

## **EAST Search Hist ry**

r				,		
L21	7	("2895623"   "3792781"   "4049238"   "4460098"   "4492312").PN. OR ("4976361"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 12:28
L22	41	("0763222"   "1047233"   "1079519"   "2143111"   "2226361"   "2361331"   "2366574"   "2370661"   "2374074"   "2522466"   "2738884"   "2972199"   "3143224"   "3244297"   "3339707"   "3467263"   "3804264"   "4113112"   "4297961"   "4303166"   "4363413").PN. OR ("4569453"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 12:28
L23	35	("1163497"   "2030529"   "2603362"   "2698096"   "2868392"   "2999600"   "3029954"   "3194413"   "3308967"   "3371799"   "3465899"   "3727359"   "3735876"   "3740534"   "3833130"   "3856151"   "4053058"   "4133411"   "4156331"   "4222491"   "4392573").PN. OR ("4544071"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 12:29
L24	34	("1163497"   "2030529"   "2603362"   "2698096"   "2868392"   "2999600"   "3029954"   "3194413"   "3308967"   "3371799"   "3465899"   "3727359"   "3735876"   "3856151"   "4053058"   "4133411"   "4222491"   "4392573").PN. OR ("4492312"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 12:29
L25	26	("1077467"   "2529454"   "2572336"   "2868392"   "2999600"   "3083837"   "3306470"   "3308967"   "3371799"   "3674157"   "3727359"   "3856151"   "3987594"   "4053058"   "4133411"   "4156331"   "4352434").PN. OR ("4491228").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 12:12
L26	31	("0548375"   "2698096"   "2868392"   "2999600"   "3072265"   "3194413"   "3308967"   "3371799"   "3398492"   "3465899"   "3534867"   "3727359"   "3842985"   "3856151"   "4010852"   "4053058"   "4156331"   "4352434"   "4363413").PN. OR ("4489838").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 12:30

## **EAST Search History**

L27	3	("3955798"   "4383616").PN. OR ("4473214").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 12:31
L28	23	("2868392"   "2999600"   "3187906"   "3308967"   "3362022"   "3371799"   "3727359"   "3856151"   "4053058"   "4133411"   "4156331"   "4336889"   "4352434").PN. OR ("4467928"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 12:31
L29	22	("2868392"   "2999600"   "3308967"   "3371799"   "3458053"   "3465899"   "3727359"   "3856151"   "4053058"   "4133411"   "4156331"   "4336889"   "4352434").PN. OR ("4460098"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 12:31
L30	6	("3059781"   "3399785").PN. OR ("4412622").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 12:32
L31	20	("3198345"   "3462023"   "3664516"   "3872977"   "3968884"   "4036372"   "4039085"   "4169535").PN. OR ("4394914"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 12:32
L32	12	("1560194"   "3037641"   "3804264").PN. OR ("4383616"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 12:33
L33	45	("1632329"   "1869747"   "1871603"   "2475963"   "2819803"   "2868392"   "3194413"   "3308967"   "3371799"   "3426917"   "3465899"   "3534867"   "3648850"   "3727359"   "3856151"   "3918592"   "4011699"   "4049238"   "4053058"   "4166542").PN. OR ("4352434"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 12:33
L34	12	("2896750"   "3396601"   "3411747"   "3693755"   "3817007"   "3845596"   "4133411"   "4156331").PN. OR ("4221089"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 12:33
L35	61	("3842984"   "4166542"   "4258852"   "4492312"   "4540097"   "5005714"   "5035337"   "5222613" "5586667")	USPAT; USOCR	OR	ON	2006/05/29 12:27
L36	46	("3831771"   "3938670"   "4106631"   "4383616"   "4394914"   "4498596" "5597078")	USPAT; USOCR	OR	ON	2006/05/29 12:27

# **EAST Search Hist ry**

L37	45	("2382767"   "3426915"   "3804264"   "4109681"   "4394914"   "4412622" "5292016")	USPAT; USOCR	OR	ON	2006/05/29 12:28
L38	35	("2895623"   "3792781"   "4049238"   "4460098"   "4492312" "4976361")	USPAT; USOCR	OR	ON	2006/05/29 12:28
L39	146	("0763222"   "1047233"   "1079519"   "2143111"   "2226361"   "2361331"   "2366574"   "2370661"   "2374074"   "2522466"   "2738884"   "2972199"   "3143224"   "3244297"   "3339707"   "3467263"   "3804264"   "4113112"   "4297961"   "4303166"   "4363413" "4569453")	USPAT; USOCR	OR	ON	2006/05/29 12:28
L40	195	("1163497"   "2030529"   "2603362"   "2698096"   "2868392"   "2999600"   "3029954"   "3194413"   "3308967"   "3371799"   "3465899"   "3727359"   "3735876"   "3740534"   "3833130"   "3856151"   "4053058"   "4133411"   "4156331"   "4222491"   "4392573" "4544071")	USPAT; USOCR	OR	ON	2006/05/29 12:29
L41	161	("1163497"   "2030529"   "2603362"   "2698096"   "2868392"   "2999600"   "3029954"   "3194413"   "3308967"   "3371799"   "3465899"   "3727359"   "3735876"   "3856151"   "4053058"   "4133411"   "4222491"   "4392573" "4492312")	USPAT; USOCR	OR	ON	2006/05/29 12:30
L42	148	("0548375"   "2698096"   "2868392"   "2999600"   "3072265"   "3194413"   "3308967"   "3371799"   "3398492"   "3465899"   "3534867"   "3727359"   "3842985"   "3856151"   "4010852"   "4053058"   "4156331"   "4352434"   "4363413" "4489838")	USPAT; USOCR	OR	ON	2006/05/29 12:30
L43	10	("3955798"   "4383616" "4473214")	USPAT; USOCR	OR	ON	2006/05/29 12:31
L44	112	("2868392"   "2999600"   "3187906"   "3308967"   "3362022"   "3371799"   "3727359"   "3856151"   "4053058"   "4133411"   "4156331"   "4336889"   "4352434" "4467928")	USPAT; USOCR	OR	ON	2006/05/29 12:31

## **EAST Search History**

L45	113	("2868392"   "2999600"   "3308967"   "3371799"   "3458053"   "3465899"   "3727359"   "3856151"   "4053058"   "4133411"   "4156331"   "4336889"   "4352434" "4460098")	USPAT; USOCR	OR	ON	2006/05/29 12:32
L46	20	("3059781"   "3399785" "4412622")	USPAT; USOCR	OR	ON	2006/05/29 12:32
L47	88	("3198345"   "3462023"   "3664516"   "3872977"   "3968884"   "4036372"   "4039085"   "4169535" "4394914")	USPAT; USOCR	OR	ON	2006/05/29 12:32
L48	38	("1560194"   "3037641"   "3804264" "4383616")	USPAT; USOCR	OR	ON	2006/05/29 12:33
L49	160	("1632329"   "1869747"   "1871603"   "2475963"   "2819803"   "2868392"   "3194413"   "3308967"   "3371799"   "3426917"   "3465899"   "3534867"   "3648850"   "3727359"   "3856151"   "3918592"   "4011699"   "4049238"   "4053058"   "4166542" "4352434")	USPAT; USOCR	OR	ON	2006/05/29 12:33
L50	105	("2896750"   "3396601"   "3411747"   "3693755"   "3817007"   "3845596"   "4133411"   "4156331" "4221089")	USPAT; USOCR	OR	ON	2006/05/29 12:34
L51	243	L17 L18 L19 L20 L21 L22 L23 L24 L25 L26 L27 L28 L29 L30 L31 L32 L33 L34	USPAT; USOCR	OR	ON	2006/05/29 12:36
L52	164	L51 NOT L16	USPAT; USOCR	OR	ON	2006/05/29 12:36
L53	13	("3139988"   "3565402"   "3566386"   "3641551"   "3710368"   "3740534").PN. OR ("3833130"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/29 12:57
L55	82	("3139988"   "3565402"   "3566386"   "3641551"   "3710368"   "3740534" "3833130")	USPAT; USOCR	OR	ON	2006/05/29 12:57
L56	79	I55 NOT L51	USPAT; USOCR	OR	ON	2006/05/29 12:58

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